

CLAIMS

I (We) claim:

1. A support kit for a CPAP hose comprising a base for contacting a bed, a post having a top end, a bottom end and being adjustable in length, said bottom end of said post adapted to be removably attached to said base normal to said bed, said a first hose clamp slidably affixed to said post adapted to engage a CPAP hose, a bracket adapted to be connected to said top end of said post, said bracket including a pulley mounted to rotate in a plane parallel with said post, a spring attached to said bracket and to said pulley biasing the rotation of said pulley, a fastener on said periphery of said pulley for securing a cantilever arm, said cantilever arm adapted to extend from said fastener normal to said post, and a second hose clamp adapted to be adjustably affixed to said cantilever arm whereby said kit may be assembled and support a CPAP hose spaced apart from a bed.

2. A support kit for a CPAP hose of claim 1 comprising said base including a plate adapted to be disposed beneath a mattress, an aperture in said plate sized to slide along said post, a first fastener adapted to block said aperture to lock said plate at a position on said post, a bi-pod fixture mounted on said plate, at

1 least two legs adapted to connected to said bi-pod fixture normal
2 to said post.

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4 3. A support kit for a CPAP hose of claim 1 comprising said post
5 having a plurality of sections, said sections being
6 telescopically connected to each other.

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8 4. A support kit for a CPAP hose of claim 1 comprising said
9 bracket having spaced apart opposed sides, an axle connecting
10 said sides, said pulley rotating about said axle, a connector
11 disposed between said opposed sides for receiving said top end of
12 said post, and a fastener attached to said connector for securing
13 said post in said connector.

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15 5. A support kit for a CPAP hose of claim 4 comprising a coil
16 spring having one end attached to said bracket and the other end
17 attached to said pulley, said pulley having a circumference, said
18 coil spring disposed about said circumference whereby rotation of
19 said pulley lengthens said coil spring and applies spring bias to
20 said pulley.

1 6. A support kit for a CPAP hose of claim 5 comprising a spring
2 stop mounted on said pulley and extending outwardly therefrom,
3 said spring stop engaging an opposed side of said bracket when
4 said spring is unbiased.

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6 7. In a medical appliance for treatment of sleep apnea
7 including a source of super atmospheric pressurized air, a hose ,
8 a mask, and a support, said source of pressurized air providing a
9 continuous positive pressure, and a hose extending from said
10 source to said mask to provide said pressurized air to a patient
11 airway, the improvement comprising a support base for placement
12 below the mattress of the bed with a portion of said base
13 extending beyond the mattress, an aperture in said portion, one
14 end of a support post slidably connected through said aperture
15 normal to said mattress, a hose clamp slidably mounted on said
16 support post, said hose clamp having resilient arms frictionally
17 connected to said hose, a bracket attached to the other end of
18 said support post, a pulley with a circumference rotatably
19 mounted on said bracket, one end of a rod attached to said
20 circumference, said rod extending normal to said post, a second
21 hose clamp slidably connected to said rod, said second hose clamp
22 having resilient arms frictionally connected to said hose whereby
23 movement of said mask rotates said pulley.

1 8. In a medical appliance mounted on a bed for treatment of
2 sleep apnea of claim 8, the improvement comprising a bi-pod
3 attachment on said base, said attachment having a receptacle with
4 V-shaped passages normal to said post, a base leg connected to
5 each passage.